

# DRAFT Community Notification Plan

## Electrical Heating Phase Cleanup

at the

Frontier Fertilizer Superfund Site, Davis, CA

January 2011

### **Purpose and Scope**

This Community Notification Plan (CNP) was developed in conjunction with members of the Frontier Fertilizer Superfund Oversight Group (FFSOG), the local community, State of California and the Environmental Protection Agency (EPA). The purpose of this plan is to outline community notification procedures during the in-place electrical heating phase of the cleanup at the Frontier Fertilizer Superfund Site (Site), now referred to as the Site.

This notification plan will supplement plans that EPA already has in place to assure protection of the surrounding community and site workers, such as the Site Specific Health and Safety Plan and Public Participation Plan. The CNP outlines protocols for EPA and contract personnel in the event that an incident at the Site requires specific community notification and/or a response. This plan also provides contact information for EPA and other regulatory agency representatives so that community members can ask questions, provide notification, and/or make comments. In most emergency situations, the Davis Fire and Police Departments are the first responders and responsible for making response decisions.

To further ensure the safety of the community and site workers, EPA has also instituted the following precautions while the electrical heating system operates:

- Installation of a fence and sensors to restrict and detect unauthorized access into the actual heated area
- Installation of a network of extraction wells to collect any gas created from the heated zone to be treated by granular activated carbon on site
- Installation of a back-up generator to power the gas collection and treatment system should a power outage occur
- Implementation of gas and ambient air monitoring at key points throughout the process and around the Site
- Installation of a cover over the top of the zone that will be heated near the ground surface.

In addition to the above, EPA is working with the local first responders (Police and Fire Department personnel) to make sure they are aware of all the safety measures in place and are prepared to address any emergency situations at the Site.

## Site Location and Cleanup Action

The Frontier Fertilizer Superfund Site occupies approximately 18 acres at 3901 Second Street in Davis, Yolo County, California. The Mace Ranch Park residential neighborhood is approximately 600 feet north of the Site. The land between Mace Ranch Park and the Site, Mace Ranch Light Industrial/Business Park, is being developed.

The electrical heating phase of the cleanup includes placing electrodes in the ground and applying an electrical current to the electrodes to heat the soil and groundwater. The heat breaks down contamination to less toxic forms and/or volatilizes the contamination for collection and treatment at the Site. The heating cleanup takes approximately 1 to 1-1/2 years and will reduce source contamination that is feeding a groundwater plume that has moved north into the Mace Ranch neighborhood. The heating cleanup will enable EPA to speed up cleanup of the soil and groundwater. EPA expects to continue to operate the present groundwater pump and treat system after the heating cleanup is complete to ensure groundwater cleanup goals are met.

## Notification Process

**Incident Classification** – Two incident categories are defined below for the purpose of this plan:

**Category 1- Emergency** incidents pose an immediate risk or threat to the community and/or onsite workers. These incidents will be handled under the existing Site emergency documents (i.e., health and safety plan for on-site workers, air monitoring plan, etc.) and via immediate notification of emergency responders, contract personnel, and EPA (24-hour Incident Number). In the event of a major emergency, first responders (Fire and Police Department) will be in charge of the situation. They will decide whether the emergency warrants notifying residents door-to-door. The Fire Department has received on-site training to increase their knowledge of the Site. An example of a Category 1 Emergency would be a large uncontrolled fire, system malfunction or failure leading to a toxic gas release that is immediately dangerous to life or health. In the event that a community member observes what he/she perceives as emergency, he/she should call 911. The first responders to an incident at the Site will assess the situation and take appropriate action.

**Category 2 Incidents** may require some type of non-emergency response, however, they are not expected to pose an immediate risk. These include but are not limited to discovery of localized smoke coming from the property, vandalism, or other concerns. EPA and/or EPA's contractors may learn of these incidents by many different sources, including first responders. In the event that a community member observes what he/she perceives as a Category 2 Incident, he/she could either call first responders or the 24-hour EPA Incident Number (800-300-2193).

For both Category 1 and Category 2 Incidents, in addition to any other action taken, including by first responders, EPA's Remedial Project Manager will report all incidents to the Community E-list as per the Public Participation Plan.

## Revision of the CNP

The CNP can be revised at any time based on a change in community needs or contact information. This document should always contain up to date and accurate information through completion of the heating phase of the cleanup.

## **Community Input**

During all phases of the Frontier Fertilizer Superfund cleanup, the community is encouraged to report incidents and request additional information regarding the Site from EPA. As described in EPA's Public Participation Plan, EPA will periodically send bulletin updates about the cleanup and hold community meetings throughout the time the cleanup is underway.

## **Emergency Responders: Emergency Dial 911**

Davis Police Department  
2600 5th Street Davis, CA 95616  
Non-emergency #: (530) 747-5400  
Emergency #: 911 or dial (530) 758-3600  
Attn.: Landy Black, Chief of Police

Davis Fire Department  
530 Fifth Street Davis, CA 95616  
Non-emergency #: (530) 757-5684  
Emergency # 911 or dial (530) 756-3400  
Attn.: Jack Hicky, Fire Division Chief

## **EPA, State and Local Regulatory Agency Contacts**

U.S. Environmental Protection Agency  
75 Hawthorne Street  
San Francisco, CA 94105  
Bonnie Arthur, Remedial Project Manager (SFD-7-3)  
Remedial Project Manager  
Direct Office Line (415) 972-3030  
Fax Number: (415) 947-3528  
EPA 24-Hour Incident Number: (800) 300-2193

Jacqueline A. Lane, SFD-3  
Community Involvement Coordinator  
(800) 231-3075 EPA General Toll Free Number  
(801) Direct Office Line (415) 972-3236  
(802) Fax Number: (415) 947-3528

Steve Ross, Project Manager  
State of California Environmental Protection Agency  
Department of Toxic Substance Control – Region 1  
8800 Cal Center Drive Sacramento, CA 95826-3200  
(916) 255-3694

Amy Terrell  
Cal-EPA Regional Water Control Quality Board  
11020 Sun Center Dr, #200 Rancho Cordova, CA (916)  
(916) 464-4680

Mat Ehrhardt  
Executive Director/Air Pollution Control Officer  
Yolo-Solano Air Pollution Control District  
1947 Galileo Ct., Ste. 103 Davis, CA 95616-4882  
(530) 757-3673

Leslie Lindbo  
Director of Environmental Health  
County of Yolo Health Department  
137 N. Cottonwood Street, Suite 2400 Woodland, CA 95695  
(530) 666-8646 phone  
(531) (530) 669-1448 fax

Jeff Pinnow  
Environmental Health  
County of Yolo Health Department  
137 N. Cottonwood Street, Suite 2400 Woodland, CA 95695  
(530) 666-8646 phone  
(531) (530) 669-1448 fax

Davis Public Works Department  
23 Russell Blvd.  
Davis, CA 95616  
(530) 757-5686  
Attn: Bob Clark